

**What is claimed is:**

- 1           1.    A hatch for an electronic device, comprising:  
2           a main body;  
3           a thermal insulation layer disposed on the inner  
4           surface of the main body;  
5           a conductive layer fully covering the surface of the  
6           thermal insulation layer;  
7           an electrical insulation layer partially covering  
8           the conductive layer, leaving part exposed to  
9           dissipate heat from the electronic device.
- 10          2.    The hatch for an electronic device as claimed  
11          in claim 1, wherein the thermal insulation layer is made  
12          of microcellular PU foams (PORON).
- 13          3.    The hatch for an electronic device as claimed  
14          in claim 1, wherein the thermal insulation layer is made  
15          of chloroprene rubber (CR).
- 16          4.    The hatch for an electronic device as claimed  
17          in claim 1, wherein the conductive layer is aluminum  
18          foil.
- 19          5.    The hatch for an electronic device as claimed  
20          in claim 1, wherein the conductive layer is copper foil.
- 21          6.    The hatch for an electronic device as claimed  
22          in claim 1, wherein the electrical insulation layer is  
23          made of MYLAR.

24           7.    The hatch for an electronic device as claimed  
25   in claim 1, wherein the main body has a hole disposed  
26   therein.

27           8.    The hatch for an electronic device as claimed  
28   in claim 1, wherein the main body has at least one  
29   protrusion on an edge thereof.

30           9.    The hatch for an electronic device as claimed  
31   in claim 1, wherein the electronic device is a notebook  
32   computer.

33           10.   A notebook computer having a housing and a  
34   hatch, comprising:

35           a main body detachably disposed on the housing;

36           a thermal insulation layer disposed on a side of the  
37           main body, wherein the side is adjacent to  
38           heat-generating components;

39           a conductive layer covering the surface of the  
40           thermal insulation layer;

41           an electrical insulation layer partially covering  
42           the conductive layer, leaving part of the  
43           conductive layer is exposed and heat from the  
44           component is insulated by the thermal  
45           insulation layer.

46           11.   The hatch for an electronic device as claimed  
47   in claim 10, wherein the thermal insulation layer is made  
48   of microcellular PU foams (PORON) ..

49           12. The hatch for an electronic device as claimed  
50 in claim 10, wherein the thermal insulation layer is made  
51 of chloroprene rubber (CR).

52           13. The hatch for an electronic device as claimed  
53 in claim 10, wherein the conductive layer is aluminum  
54 foil.

55           14. The hatch for an electronic device as claimed  
56 in claim 10, wherein the conductive layer is copper foil.

57           15. The hatch for an electronic device as claimed  
58 in claim 10, wherein the electrical insulation layer is  
59 made of MYLAR.

60           16. The hatch for an electronic device as claimed  
61 in claim 10, wherein the main body has a hole disposed  
62 therein.

63           17. The hatch for an electronic device as claimed  
64 in claim 10, wherein the main body has at least one  
65 protrusion on an edge thereof.

66           18. The hatch for an electronic device as claimed  
67 in claim 10, wherein the conductive layer is disposed  
68 between the electrical insulation layer and the thermal  
69 insulation layer.

70           19. The hatch for an electronic device as claimed  
71 in claim 10, wherein the electrical insulation layer is  
72 disposed between the component and the conductive layer.